

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001534**Date Inspected:** 10-Feb-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**Location:** Changxing Dao, Shanghai**Quality Control Contact:** William (Bill) Oak**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coatings Inspection**Bridge No:** 34-0006**Component:** OBG 4AW**Bid Item:** 77, 78, 79**Lot No:** B265**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. James Lumley arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections are to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE III coating inspector observed the following:Office Directed to organized all coating related files and data and relocate from OBG office to Tower office.

OBG 4AW

Performed joint inspection with ZPMC QC and ABF QC representatives. Caltrans QA Lumley observed ZPMC perform inspection process of base metal faying surfaces of the box girder assemblies and ascertain proper ambient conditions for application of Interzinc 22. Abrasive blast profile 79-84um International Protective coatings technical representative conducted inspection concurrent with joint inspection. SP-10 was achieved and application of Interzinc 22 commenced..

Summary of Conversations:

Caltrans QA Lumley informed ABF and ZPMC personnel that outside blasting and coating plan was not approved for abrasive blasting and coating application operations outside the blast shop was still not approved. Caltrans QA Lumley informed both parties to proceed and own risk.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang. (*58) 699-9549, who represents the Office of Structural Materials for your project.

SOURCE INSPECTION REPORT

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Inspected By: Lumley,James

Quality Assurance Inspector

Reviewed By: Miller,Mark

QA Reviewer